

**IN THE CLAIMS:**

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1 1. (Currently amended) A method for use in a computer network having a process man-  
2 ager and a network management station for reporting to the network management station  
3 the addition of new applications or processes to the computer network, the method com-  
4 prising the steps of:

5 providing a configuration service layer in communicating relationship with a new  
6 application or process and the process manager;

7 in response to opening the new application or process, issuing a registration serv-  
8 ice request from the new application or process to the process manager through the con-  
9 figuration service layer;

10 establishing a method at the network management station for persistently and  
11 continuously listening for messages from the process manager;

12 in response to receiving the registration service request at the process manager,  
13 generating and forwarding a notification message that identifies the new application or  
14 process to the network management station; and

15 automatically displaying the notification message at the network management  
16 station without having to close and re-start the management station.

1 2. (Original) The method of claim 1 further comprising the steps of:

2 creating a process manager window at the network management station that dis-  
3 plays a list of applications and processes opened in the computer network; and

4 in response to receiving the notification message, adding the new application or  
5 process to the list of applications and processes displayed in the process manager win-  
6 dow.

1 3. (Original) The method of claim 2 further comprising the step of displaying a status, a  
2 start time and a location of the new application or process, within the process manager  
3 window, based on information from the received notification message.

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1 4. (Original) The method of claim 3 wherein the status includes one of up, down, started,  
2 not started, and unknown.

1 5. (Original) The method of claim 4 wherein the new application or process has parame-  
2 ters associated with at least one of configure, control, diagnose and status functions, the  
3 method further comprising the steps of:

4 in response to selecting the new application or process from the process manager  
5 window, displaying at least one of configure, control, diagnose and status buttons associ-  
6 ated with the new application or process; and

7 in response to selecting one of the displayed configure, control, diagnose and  
8 status buttons, obtaining a respective configure, control, diagnose and status object from  
9 the new application or process; and

10 displaying the obtained configure, control, diagnose and status object at the net-  
11 work management station.

1 6. (Original) The method of claim 5 further comprising the step of modifying the respec-  
2 tive parameters of the new application or process automatically and dynamically in re-  
3 sponse to manipulations of the configure, control, diagnose and status object displayed at  
4 the network management station.

1 7. (Original) A computer readable medium containing executable program instructions  
2 for automatically and dynamically informing a network management station that is dis-  
3 posed within a computer network of a new application or process being opened, the com-  
4 puter network further including a process manager, the executable program instructions  
5 comprising program instructions for:

6 establishing a configuration service layer in communicating relationship with the  
7 new application or process and the process manager;

8 in response to opening the new application or process, issuing a registration serv-  
9 ice request from the new application or process to the process manager through the con-  
10 figuration service layer;

11 establishing a method at the network management station for persistently and  
12 continuously listening for messages from the process manager;

13 in response to receiving the registration service request at the process manager,  
14 generating and forwarding a notification message that identifies the new application or  
15 process to network management station; and

16 automatically and dynamically displaying the notification message at the network  
17 management station.

1 8. (Original) A computer workstation for use in a computer network having at least one  
2 process manager, the workstation comprising:

3 at least one application or process;

4 a network communication facility;

5 a configuration service layer in communicating relationship with the at least one  
6 application or process and the network communications facility,

7 wherein the at least one application or process and the configuration service layer coop-  
8 erate to generate and issue, through the network communication facility, a registration  
9 service request to the at least one process manager upon opening of the at least one appli-  
10 cation or process at the computer workstation.

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1 9. (New) The method of claim 1 further comprising the steps of:

2 detecting a new device added to the network; and

3 upon detecting the new device, generating a second notification object; and

4 passing the second notification object to the network management station.

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1 10. (New) The method of claim 9 further comprising the step of in response to receiving  
2 the second notification object, displaying a name and a location associated with the new  
3 device at the network management station.

1 11. (New) A computer readable medium as defined in claim 7 further comprising pro-  
2 gram instructions for:

3 creating a process manager window at the network management station wherein  
4 the process manager window displays a list of applications and processes opened in the  
5 computer network; and

6 in response to receiving the notification message, adding the new application or  
7 process to the list of applications and processes displayed in the process manager win-  
8 dow.

1 12. (New) A computer readable medium as defined in claim 11 wherein the new appli-  
2 cation or process has parameters associated with at least one of configure, control, diag-  
3 nose and status functions, the computer readable medium further comprising program  
4 instructions for:

5 in response to selecting the new application or process from the process manager  
6 window, displaying at least one of configure, control, diagnose and status buttons associ-  
7 ated with the new application or process; and

8 in response to selecting one of the displayed configure, control, diagnose and  
9 status buttons, obtaining a respective configure, control, diagnose and status object from  
10 the new application or process; and

11 displaying the obtained configure, control, diagnose and status object at the net-  
12 work management station.

1 13. (New) A computer workstation as defined in claim 8 further comprising a user inter-  
2 face application, wherein the process manager is configured to generate and forward a  
3 notification message that identifies the new application or process to the user interface  
4 application in response to receiving the registration service request.

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1 14. (New) A computer workstation as defined in claim 13 further wherein the user inter-  
2 face application is configured to receive the notification message and display the notifi-  
3 cation message at the network management station without having to close and re-start  
4 the management station.

1 15. (New) A computer workstation as defined in claim 8 further comprising a topology  
2 server configured to detect a new device added to the network and, upon detecting the  
3 new device, to issue a notification object to a user application interface.

1 16. (New) A system for dynamically modifying the configuration, settings and other pa-  
2 rameters associated with one or more applications or processes running in a computer  
3 network, the system comprising:

4 means for registering with a process manager upon opening an application or pro-  
5 cess;

6 means for generating a notification object upon the registration of an opened ap-  
7 plication or process, wherein the notification object contains a reference identifying the  
8 opened application or process;

9 means for passing the notification object to one or more user interface applica-  
10 tions; and

11 means for presenting the notification object in one or more user interface applica-  
12 tions without having to close and re-start the respective user interface application.

1 17. (New) A system as defined in claim 16 wherein each user interface application con-  
2 tains one or more windows, the system further comprising:

3 means for displaying the notification object in one or more windows contained in  
4 one or more user interface applications.

1 18. (New) A system as defined in claim 16 further comprising:

2 means for creating a process manager window that displays a list of applications  
3 and processes opened in the computer network; and

4 means for adding an application or process to the list of applications and proc-  
5 esses displayed in the process manager window in response to receiving the notification  
6 object.

1 19. (New) A system as defined in claim 18 comprising:

2 means for displaying at least one of configure, control, diagnose and status but-  
3 tons associated with an application or process in response to selecting the application or  
4 process from the process manager window;

5 means for obtaining a respective configure, control, diagnose and status object  
6 from the new application or process in response to selecting one of the displayed config-  
7 ure, control, diagnose and status buttons; and

8 means for displaying the obtained configure, control, diagnose and status object.

1 20. (New) A system as defined in claim 16 comprising:

2 means for detecting a new device added to the network; and

3 means for issuing a service request to a user application interface upon detecting  
4 the new device, wherein the service request contains a name identifying the new device.

1 21. (New) A system as defined in claim 20 further comprising:

1 means for receiving the service request at a user application; and

2 means for adding the name identifying the new device to a list of devices dis-  
3 played in a window presented on a display screen of a workstation.